

CIPO CANADIAN INTELLECTUAL PROPERTY OFFICE

Omawa Hull K1A 0C9

(21)	(A1)	2,177,038
(86)		1994/11/30
(43)		1995/06/22

- (51) Int.Cl. A61K 7/50; D21H 21/24
- (19) (CA) APPLICATION FOR CANADIAN PATENT (12)
- (54) Lotion Composition for Imparting Soft, Lubricious Feel to Tissue Paper
- (72) Warner, Alrick Vincent U.S.A. Mackey, Larry Neil U.S.A.; Wong, Arthur - U.S.A. wong, Arthur - U.S.A. ; Franxman, James Joseph - U.S.A. Goldslager, Barry Andrew - U.S.A. Klofta, Thomas James - U.S.A. Phan, Dean Van - U.S.A. ;
- (71) PROCTER & GAMBLE COMPANY (THE) U.S.A. ;
- (30) (US) 08/165,767 1993/12/13
- (57) 10 Claims

This application is as filed and may ther fore contain an Notice: incomplet specification.

Lanadä

## WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6: D21H 17/14, 17/07, 17/06, 21/24, A61K 7/50, 7/00

(11) International Publication Number:

WO 95/16824

(43) International Publication Date:

22 June 1995 (22.06.95)

(21) International Application Number:

PCT/US94/13674

A1

(22) International Filing Date:

30 November 1994 (30.11.94)

(30) Priority Data: 08/165,767

13 December 1993 (13.12.93) \_\_US

(71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) Inventors: WARNER, Alrick, Vincent; 11 Versailles Court, Cincinnati, OH 45240 (US). MACKEY, Larry, Neil; 5856 Crestview Avenue, Fairfield, OH 45014 (US). WONG, Arthur, 7379 Cinnamon Woods Drive, West Chester, OH 45069 (US). FRANXMAN, James, Joseph; 4130 Ascot Drive, Cincinnati, OH 45251 (US). GOLDSLAGER, Barry, Andrew; 8161 Cincinnati-Dayton Road, Calais 202, West Chester, OH 45069 (US). KLOFTA, Thomas, James, 2050 Augusta Boulevard, Fairfield, OH 45014 (US). PHAN, Dean, Van; 6512 Tylers Crossing, West Chester, OH 45069

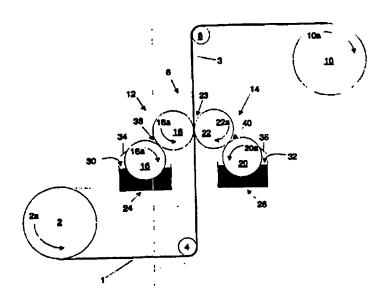
(74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) Designated States: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, GE, HU, JP, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MN, NO, NZ, PL, RO, RU, SI, SK, TJ, TT, UA, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ).

Published

With international search report

(54) Title: LOTION COMPOSITION FOR IMPARTING SOFT, LUBRICIOUS FEEL TO TISSUE PAPER



## (57) Abstract

A lotion composition for imparting a soft, lubricious, lotion-like feel when applied to tissue paper in amounts as low as from 5 to about 15 % by weight. The lotion composition comprises plastic or fluid emollient such as petrolatum, or a mixture of petrolatum with alkyl ethoxylate emollient, an agent such as sorbitan stearates or N-cocoyl, N-methyl glucamide to immobilize the emollient on the surface of the tissue paper web and optionally a hydrophilic surfactant to improve wettability when applied to toilet tissue. Because less lotion is required to impart the desired soft, lotion-like feel benefits, detrimental effects on the tensile strength and caliper of the lotioned paper are minimized or avoided.